

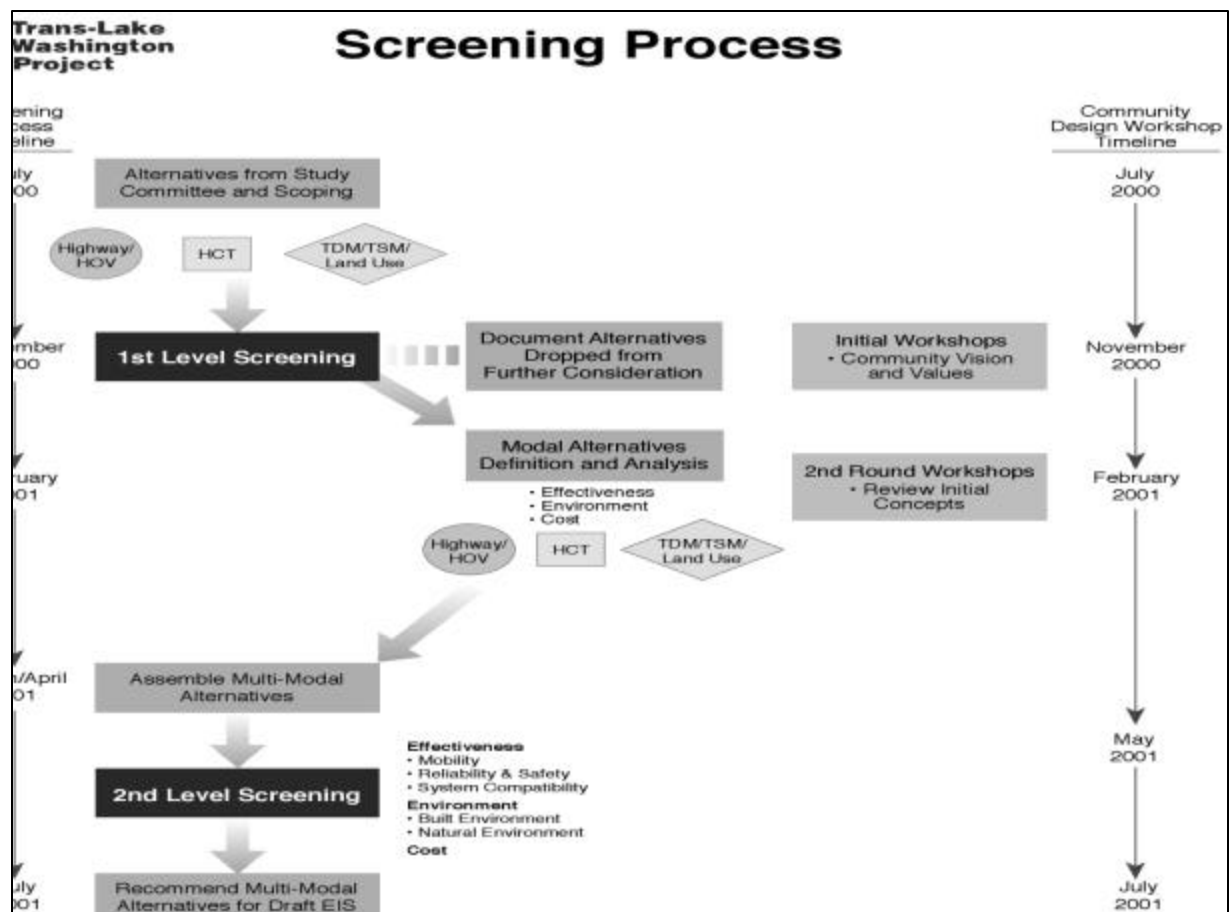


Trans-Lake Washington Project

Proposed Executive Committee Multi-Modal Alternative Recommendation



Washington State
Department of Transportation





Today's Focus

- Executive Committee concurrence on proposed multi-modal alternatives
 - Modal analysis presented at March 26 Executive Committee meeting
 - Input from Advisory and Technical Committee presented today
- The multi-modal alternatives will be analyzed by the team and results presented to the committees in May/June
- This set of alternatives does not “lock-in” any decision on specific interchanges or connections



Modal Alternatives Considered

- No Action
- Minimum Footprint
- 1 HOV lane each direction
- 1 HOV lane and 1 GP lane each direction
- Bus only lanes
- Fixed Guideway HCT in SR 520
- Bus Rapid Transit in SR 520
- HCT on I-90
- HCT at Mid-Lake Crossing



Modal Assessment Findings

HCT Alternatives:

- I-90 has lowest cost and least environmental impacts
- SR 520 alternatives avoid I-90 traffic impacts, and appear to generate higher intra-Seattle ridership
- Mid-lake crossing does not generate any higher ridership, is very costly and technology has high risks
- BRT alternatives have cost and ridership similar to fixed guideway. Costs may be reduced by combining with HOV facilities where possible.



Modal Assessment Findings

Highway Alternatives:

- No Action should be redefined to exclude any capital investment
- Minimum Footprint requires replacement of floating bridge and seismically deficient structures. This in turn, necessitates realignment from Portage Bay to east shore of Lake Washington
- New alternative (safety and preservation) includes capital requirements for replacing floating bridge, seismically deficient structures, full shoulders and bicycle/pedestrian facilities
- Bus only lanes significantly under perform HOV lanes at the same basic cost



Put both graphs of proposed multi-modal here



Input from Advisory and Technical Committees

	Advisory Committee	Technical Committee
Alt. 1. No Action	No suggested changes	No suggested changes
Alt. 2. Safety and Preservation, I-90 LRT	Create two options for alternative: A. Safety and preservation with no action on I-90. B. Safety and preservation with LRT on I-90.	No suggested changes
Alt. 3. SR 520 HOV, I-90 LRT	Some do not want to continue to evaluate this alternative due to similarities with Alternative 7. SR 520 HOV/BRT	No suggested changes



Input from Advisory and Technical Committees

	Advisory Committee	Technical Committee
Alt. 4. SR 520 HOV, GP, I-90 HCT	Some do not continue to evaluate this alternative due to similarities with Alternative 8. SR 520 HOV/BRT, GP Some would like to drop all alternatives that would add two additional lanes to the roadway	No suggested changes
Alt. 5 SR 520 HOV, SR 520 HCT	No suggested changes	Some suggestions made for changing terminus of HCT



Input from Advisory and Technical Committees

	Advisory Committee	Technical Committee
Alt. 6. SR 520 HOV, GP, SR 520 HCT	Some would like to drop all alternatives that would add two additional lanes to the roadway	Some suggestions made for changing terminus of HCT
Alt. 7. SR 520 HOV/BRT	No suggested changes	Some suggestions made for changing terminus of HCT
Alt. 8. SR 520 HOV/ BRT, GP	No suggested changes	Some suggestions made for changing terminus of HCT



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Schedule for Presenting Results of Multi-Modal Analysis

- May 23 All-Committee Workshop
 - Community enhancements
 - Modeling 101
- June 6 All-Committee Workshop
 - Transportation findings
- June 13 All-Committee Workshop
 - Environmental findings
 - Cost opinions
 - Staff recommendations on draft EIS alternatives, including design elements
- June 11 Open House



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Schedule for Presenting Results of Multi-Modal Analysis

- June 18 Open House
- June 18 Advisory Committee
 - Input to Executive Committee on draft EIS alternatives
- June 18 Technical Committee
 - Input to Executive Committee on draft EIS alternatives
- June 27 Executive Committee
 - Recommendation to WSDOT, Sound Transit, FHWA, and FTA on draft EIS alternatives
- July 11 Executive Committee
 - Additional meeting, if needed